



Xi'an Green Spring Technology Co.,Ltd

Certificate of Analysis

Product Name:	Epimedium Extract
Botanical Name:	Epimedium brevicornum Maxim
Description:	Yellow brown fine powder with characteristic odor.
Identification:	Passes all criteria tests
Batch No	230620GS
Batch quantity	550Kg
Analysis Date:	June 20th, 2023

Item	Specification	Results
Assay Icariin (By HPLC)	$\geq 20.0\%$	21.23%
Loss of drying	$\leq 6.0\%$	3.24%
ash	$\leq 5.0\%$	3.33%
Sieve Analysis	100% pass 80 mesh	Complies
Bulk density	40-50g/100ml	Complies
Loose	$\geq 0.40\text{g/ml}$	0.46g/ml
Tapped	$\geq 0.60\text{g/ml}$	0.65g/ml
Heavy metals	<10ppm max	Complies
As	<0.3mg/kg	Complies
Pb	<0.5mg/ml	Complies
Residual Solvent	Eur.Pharm	Complies
Microbiological control		
Total plate count	<1000/ g	Complies
Yeast & mold	<100/ g	Complies
E.coil	Negative	Negative
Salmonelia	Negative	Negative

Storage Cool & dry place, Do not freeze. Keep away from strong light and heat.
Shelf 2 year when properly stored.

Approved by :
(Quality Assurance)

